REMARKS/ARGUMENT

Claims 1-15 are pending in this application. Claims 1, 3, 5, 7, 9, 12, and 14 stand rejected and claims 2, 4, 6, 8, 10, 11, 13, and 15 are objected to. By this Amendment, claims 1, 5, 9, and 12 are cancelled without prejudice; and claims 2-4, 6-8, 10-11, and 13-15 have been amended. The amendments made to the claims do not alter the scope of these claims, nor have these amendments been made to define over the prior art. Rather, the amendments to the claims have been made to improve the form thereof. In light of the amendments and remarks set forth below, Applicant respectfully submits that each of the pending claims is in immediate condition for allowance.

Applicant wishes to thank the Examiner for the indication of allowability of claims 2, 4, 6, 8, 10, 11, 13 and 15. Applicant has rewritten claims 2, 6, 10, and 13 in independent form. These amendments place this application in a condition for allowance. Applicant respectfully requests a notice of allowance for the pending claims.

Applicant notes that the Examiner has failed to acknowledge Applicant's claim for foreign priority. Applicant requests that the Examiner acknowledge such claim. A copy of the stamped postcard indicating receipt of the priority document is enclosed. Additionally, Applicant has included replacement Figures 1-12 to replace the Figures as filed. No new matter has been added. Applicant respectfully requests that the Examiner substitute the 12 Figures for the 12 Figures as filed.

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The amendments to the claims are for clarification purposes only and are not intended to limit the scope of the claims in any way. It is asserted that the present amendment places the application in a form for allowance. Entry of this amendment is therefore earnestly solicited.

If the Examiner believes an interview would be of assistance, the Examiner is welcome to contact the undersigned at the number listed below.

Dated: August 6, 2003

Respectfully submitted,

By
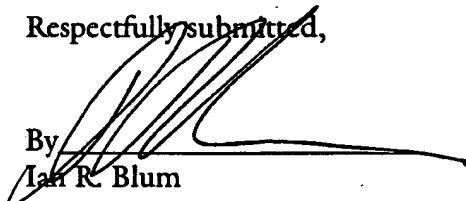
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APPENDIX A
Complete Set of Claims Pursuant to 37 CFR § 1.125

Claim 1.   (Cancelled)

Claim 2.   (Currently Amended) ~~The system according to claim 1,~~ A system for delivering music, comprising:

(a)   a music delivery subsystem for generating a delivering data from an original music data including a voice data and a performance data;

the music delivery subsystem comprising a compression coder and a multiplexer;

the compression coder compression-coding the voice data of the original music data, thereby generating a compression-coded voice data;

the multiplexer multiplexing the compression-coded voice data from the compression coder and the performance data of the original music data, thereby generating a delivering data;

(b)   a network for allowing the delivering data to be transmitted; and

(c)   at least one music reproduction subsystem for reproducing an original music corresponding to the original music data from the delivering data transmitted through the network;

the at least one music reproduction subsystem comprising a demultiplexer, a performance data configurer, a voice data decoder, and a mixer;

the demultiplexer demutiplexing the delivering data to the compression-coded voice data and the performance data;

the performance data configurer configuring a musical performance from the performance data, thereby forming a performance configuration;

the voice data decoder decoding the compression-coded voice data to generate a voice data;

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the mixer mixing the performance configuration from the performance data configurer and the voice data from the voice data decoder, thereby generating a mixed data corresponding to the original music wherein the multiplexer of the music delivery subsystem adds time stamp data to the voice data and the performance data;

and wherein the music reproduction subsystem comprises a synchronizer for synchronizing the voice of the original music and the musical performance thereof with each other through comparison between the time stamp data of the voice data and that of the performance data.

Claim 3.   (Currently Amended) The system according to claim ~~1~~ 2, wherein the compression coder of the music delivery subsystem is designed not to generate the voice data while the original music includes no voice.

Claim 4.   (Currently Amended) The system according to claim ~~1~~ 2, wherein the voice data is generated to form a monophonic or monaural voice and includes an utterance point data;

and wherein the voice data decoder of the music reproduction subsystem decodes the compression-coded voice data to generate the voice data using the utterance point data.

Claim 5.   (Cancelled)

Claim 6.   (Currently Amended) ~~The subsystem according to claim 5,~~ A music delivery subsystem comprising:

        (a)   a compression coder for compression-coding a voice data of an original music data to thereby generate a compression-coded voice data; and

        (b)   a multiplexer for multiplexing the compression-coded voice data from the compression coder and a performance data of the original music data, thereby generating a delivering data wherein the multiplexer adds time stamp data to the voice data and the performance data;

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and wherein the time stamp data of the voice data and that of the performance data are used for synchronization between the voice data and the performance data.

Claim 7.   (Currently Amended) The subsystem according to claim 5 6, wherein the compression coder is designed not to generate the voice data while the original music includes no voice.

Claim 8.   (Currently Amended) The subsystem according to claim 5 6, wherein the voice data is generated to form a monophonic or monaural voice and includes an utterance point data.

Claim 9.   (Cancelled)

Claim 10.   (Currently Amended) The subsystem according to claim 9, A music reproduction subsystem for reproducing an original music from a delivering data including a compression-coded voice data and a performance data multiplexed together, the subsystem comprising:

      (a)   a demultiplexer for demutiplexing the delivering data to the compression-coded voice data and the performance data;

      (b)   a performance data configurer for configuring a musical performance from the performance data, thereby forming a performance configuration;

      (c)   a voice data decoder for decoding the compression-coded voice data to generate a voice data; and

      (d)   a mixer for mixing the performance configuration from the performance data configurer and the voice data from the voice data decoder, thereby generating a mixed data corresponding to the original music further comprising a synchronizer for synchronization between the voice data and the performance configuration through comparison between a time stamp data of the voice data and a time stamp data of the performance data.

Claim 11.   (Currently Amended) The subsystem according to claim 9 10, wherein the voice data is generated to form a monophonic or monaural voice and includes an utterance point data.

Claim 12.   (Cancelled)

Claim 13.   (Currently Amended) ~~The method according to claim 12,~~ A method for delivering music, comprising the steps of:

      (a)   compression-coding a voice data of an original music data, thereby generating a compression-coded voice data;

      (b)   multiplexing the compression-coded voice data from the compression coder and a performance data of the original music data, thereby generating a delivering data;

      (c)   delivering the delivering data to at least one music reproduction subsystem by way of a network;

      (d)   demutiplexing the delivering data to the compression-coded voice data and the performance data in the at least one music reproduction subsystem;

      (e)   configuring a musical performance from the performance data, thereby forming a performance configuration data in the at least one music reproduction subsystem;

      (f)   decoding the compression-coded voice data to generate a voice data in the at least one music reproduction subsystem;

      (g)   mixing the performance configuration data formed in the step (e) and the voice data generated in the step (f), thereby generating a mixed data corresponding to the original music data in the at least one music reproduction subsystem wherein time stamp data are added to the voice data and the performance data;

      and wherein the voice of the original music and the musical performance thereof are synchronized with each other through comparison between the time stamp data of the voice data and that of the performance data.

Claim 14.   (Currently Amended) The method according to claim 12 13, wherein the voice data is not generated while the original music includes no voice.

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Claim 15.   (Currently Amended) The method according to claim ~~12~~ 13, wherein the voice data is generated to form a monophonic or monaural voice and includes an utterance point data;

and wherein the compression-coded voice data is decoded to generate the voice data using the utterance point data in the step (f).

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Serial No. _____ Filing Date _____ OFGS File No. P/2005-32
Title Method and System For Delivering...
First Inventor Masatoshi Yano Date OCT. 26, 2001
The PTO has received: new appln. Last Due Date: OCT. 30, 2001

☒ Patent Application of 37
  Pages (including claims & abstract)
  ☒ Declaration or ☐ Designation Sheet
  ☒ Drawings 12 Sheet(s)/Figs. 1 to 12
  ☒ Priority Document
  ☐ Small Entity Declaration
  ☒ Assignment & Conveyance Cover Sheet
  ☐ Information Disclosure Statement
  ☐ PTO-1449
  ☐ Amendment
  ☐ Affidavit or Declaration
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☐ TM Application   ☐ ITU Basis
☐ Statement of Use
☐ Extension of Time   JC715 U.S. PTO
☐ Notice of Appeal   10/001520
☐ Brief
☐ Petition
☐ Status Request   10/26/01
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